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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)2. Applicant claims small entity status.
See 37 CFR 1.27.3. Specification [Total Pages 29]
(Preferred arrangement set forth below)
- Descriptive title of the invention
- Cross Reference to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to sequence listing, a table,
or a computer program listing appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure4. Drawing(s) (35 U.S.C. 113) [Total Sheets 9]

5. Oath or Declaration [Total Pages 3]

a. Newly executed (original or copy)
b. Copy from a prior application (37 CFR 1.63 (d))
(for continuation/divisional with Box 17 completed)i. DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s)
named in the prior application, see 37 CFR
1.63(d)(2) and 1.33(b).6. Application Data Sheet. See 37 CFR 1.7617. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment,
or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation-in-part (CIP)

of prior application No. _____ / _____

Prior application information: Examiner _____

Group / Art Unit: _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under
Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference.
The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

18. CORRESPONDENCE ADDRESS

 Customer Number or Bar Code Labelor

Correspondence address below

Name	KANESAKA & TAKEUCHI 1423 Powhatan Street				
Address	1423 Powhatan Street		State	VA	Zip Code
City	Alexandria		Telephone	(703) 519-9785	Fax
Country	U.S.A.				703) 519-7769

Name (Print/Type)	Satoru Takeuchi	Registration No. (Attorney/Agent)	53,670
Signature			Date 02/19/04

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

U.S. PTO
10/780938
22387

021904

FEE TRANSMITTAL

for FY 2001

Patent fees are subject to annual revision.

16805

021904

TOTAL AMOUNT OF PAYMENT

(\$ 810.00)

METHOD OF PAYMENT

1. The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit
Account
Number

20-0060

Deposit
Account
Name

Takeuchi Patent Office

Charge Any Additional Fee Required
Under 37 CFR 1.10 and 1.17

Applicant claims small entity status.
See 37 CFR 1.27

2. Payment Enclosed:

Check Credit card Money
Order Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
101 710	201 355	Utility filing fee	770
106 320	206 160	Design filing fee	
107 490	207 245	Plant filing fee	
108 710	208 355	Reissue filing fee	
114 150	214 75	Provisional filing fee	

SUBTOTAL (1) (\$ 770)

2. EXTRA CLAIM FEES

Total Claims	Independent Claims	Multiple Dependent	Extra Claims	Fee from below	Fee Paid
11	1		-20** =	0 X	0
			-3** =	0 X	0

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description
103 10	203 9	Claims in excess of 20
102 80	202 40	Independent claims in excess of 3
104 270	204 135	Multiple dependent claim, if not paid
109 80	209 40	** Relatum independent claims over original patent
110 10	210 9	** Relatum claims in excess of 20 and over original patent

SUBTOTAL (2)

(\$ 0)

*Or number previously paid, if greater; For Reissues, see above

Complete if Known	
Application Number	N/A
Filing Date	02/19/04
First Named Inventor	Hiroyasu HAYASHI
Examiner Name	N/A
Group Art Unit	N/A
Attorney Docket No.	BO307T

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105 130	205 65	Surcharge - late filing fee or oath	
127 50	227 25	Surcharge - late provisional filing fee or cover sheet	
139 130	139 130	Non-English specification	
147 2,520	147 2,520	For filing a request for ex parte reexamination	
112 920*	112 920*	Requesting publication of SIR prior to Examiner action	
113 1,040*	113 1,040*	Requesting publication of SIR after Examiner action	
116 110	216 55	Extension for reply within first month	
116 390	216 195	Extension for reply within second month	
117 890	217 445	Extension for reply within third month	
110 1,390	218 695	Extension for reply within fourth month	
120 1,090	220 945	Extension for reply within fifth month	
119 310	219 155	Notice of Appeal	
120 310	220 155	Filing a brief in support of an appeal	
121 270	221 135	Request for oral hearing	
138 1,510	138 1,510	Petition to institute a public use proceeding	
140 110	240 55	Petition to revoke - unavoidable	
141 1,240	241 620	Petition to revoke - unintentional	
142 1,240	242 620	Utility issue fee (or reissue)	
143 440	243 220	Design issue fee	
144 600	244 300	Plant issue fee	
122 130	122 130	Petitions to the Commissioner	
123 60	123 60	Proceeding fee under 37 CFR 1.17(q)	
126 100	126 100	Submission of Information Disclosure Stmt	
501 40	501 40	Recording each patent assignment per property (three number of properties)	40
148 710	246 355	Filing a submission after final rejection (37 CFR § 1.129(a))	
149 710	249 355	For each additional invention to be examined (37 CFR § 1.129(b))	
179 710	279 355	Request for Continued Examination (RCE)	
169 900	169 900	Request for expedited examination of a design application	
Other fee (specify)			

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$ 40)

SUBMITTED BY

Name (Print/Type)	Satoru Takeuchi	Registration No. (Attorney/Agent)	53,670	Telephone	(703) 519-9785
Signature	<i>S. Takeuchi</i>			Date	02/19/04

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2030.

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